

S/N unknown

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: YAMAMOTO et al.

Serial No.:

unknown

Filed: concurrent herewith

Docket No.:

13425.10US01

Title: MAN-HOUR MANAGEMENT SYSTEM

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CERTIFICATE UNDER 37 CFR 1.10

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I hereby certify that this correspondence is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 on the date indicated above and is addressed to the Box Patents Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

By: Yolanda Gray  
Name: Yolanda Gray

PRELIMINARY AMENDMENT

Box Patents Application  
Assistant Commissioner for Patents  
Washington, D. C. 20231

Dear Sir:

In connection with the above-identified application filed herewith,  
please enter the following preliminary amendment:

IN THE CLAIMS

Please amend claims 3-8 as follows:

3. (Amended) A man-hour management system according to Claim 1, comprising a timing graph data table for performing registration management of data of a timing graph, data being assigned to said timing graph data table from said main man-hour management table;

wherein said man-hour output means outputs the man-hour information by being assigned data also from said timing graph data table.

4. (Amended) A man-hour management system according to Claim 1, comprising a line name table for performing registration management of modes of lines which implement works;

wherein said main man-hour management table is assigned data also from said line name table.

5. (Amended) A man-hour management system according to Claim 1, comprising a series table for performing registration management of series and types associated with the series;

wherein said main man-hour management table is assigned data also from said series table.

6. (Amended) A man-hour management system according to Claim 1, comprising a derivation table for performing registration management of derivatives associated with each of the series and the types;

wherein said main man-hour management table is assigned data also from said derivation table.

7. (Amended) A man-hour management system according to Claim 1, comprising:

a database in which the tables are stored; and

series data backup means for extracting the data of said tables in series units as have become unnecessary, from said database, and for re-storing said data of said tables extracted in series units, in said database.

8. (Amended) A man-hour management system according to Claim 1, wherein the constituent work (element work) has its each movement classified into one of a main action, a supplemental action and a quasi action, and standardized man-hours analyzed are set for said each movement.

REMARKS

The above preliminary amendment is made to remove multiple dependencies from claims 3-8.

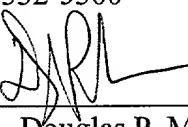
Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "Marked-up Copy".

Applicants respectfully request that the preliminary amendment described herein be entered into the record prior to calculation of the filing fee and prior to examination and consideration of the above-identified application.

If a telephone conference would be helpful in resolving any issues concerning this communication, please contact Applicants' primary attorney-of record, Curtis B. Hamre (Reg. No. 29,165), at (612) 336.4755.

Respectfully submitted,

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By   
Douglas P. Mueller  
Reg. No. 30,300

Dated: 26 April 2001

DPM:hjh

**Marked-up Copy**

**WHAT IS CLAIMED IS**

3. A man-hour management system according to [either of Claims 1 and 2,] claim1, comprising a timing graph data table for performing registration management of data of a timing graph, data being assigned to said timing graph data table from said main man-hour management table;

wherein said man-hour output means outputs the man-hour information by being assigned data also from said timing graph data table.

4. A man-hour management system according to [any of Claims 1 through 3,] claim 1,comprising a line name table for performing registration management of modes of lines which implement works;

wherein said main man-hour management table is assigned data also from said line name table.

5. A man-hour management system according to [any of Claims 1 through 4,] claim 1, comprising a series table for performing registration management of series and types associated with the series;

wherein said main man-hour management table is assigned data also from said series table.

6. A man-hour management system according to [any of Claims 1 through 5,] claim 1, comprising a derivation table for performing registration management of derivatives associated with each of the series and the types;

wherein said main man-hour management table is assigned data also from said derivation table.

7. A man-hour management system according to [any of Claims 1 through 6,] claim 1, comprising:

a database in which the tables are stored; and

series data backup means for extracting the data of said tables in series units as have become unnecessary, from said database, and for re-storing said data of said tables extracted in series units, in said database.

8. A man-hour management system according to [any of Claims 1 through 7,] claim 1, wherein the constituent work has its each movement classified into one of a main movement, an auxiliary movement and a quasi movement, and standardized man-hours analyzed are set for said each movement.